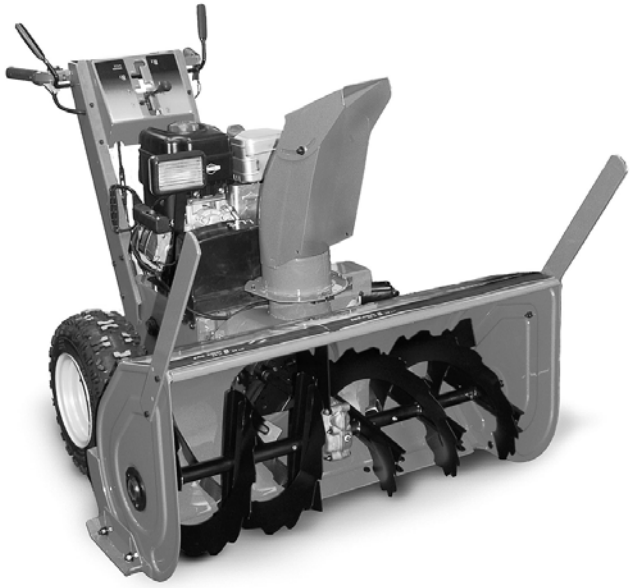
Simplicity

Parts Manual



1280 Large Frame

Two-Stage Snowthrowers

12HP Snowthrowers

Mfg. No.	Description
1694438	1280M, 12HP Snowerthrower (CE)
1694442	1280E, 12HP Snowthrower

Rev. 09/2003
TP 400-3893-00-LW-S

TRACTOR / MOWER DECK COMPONENTS **PAGES**

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Torque Specification Chart ..... Inside Back Cover

Handles and Controls Group

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

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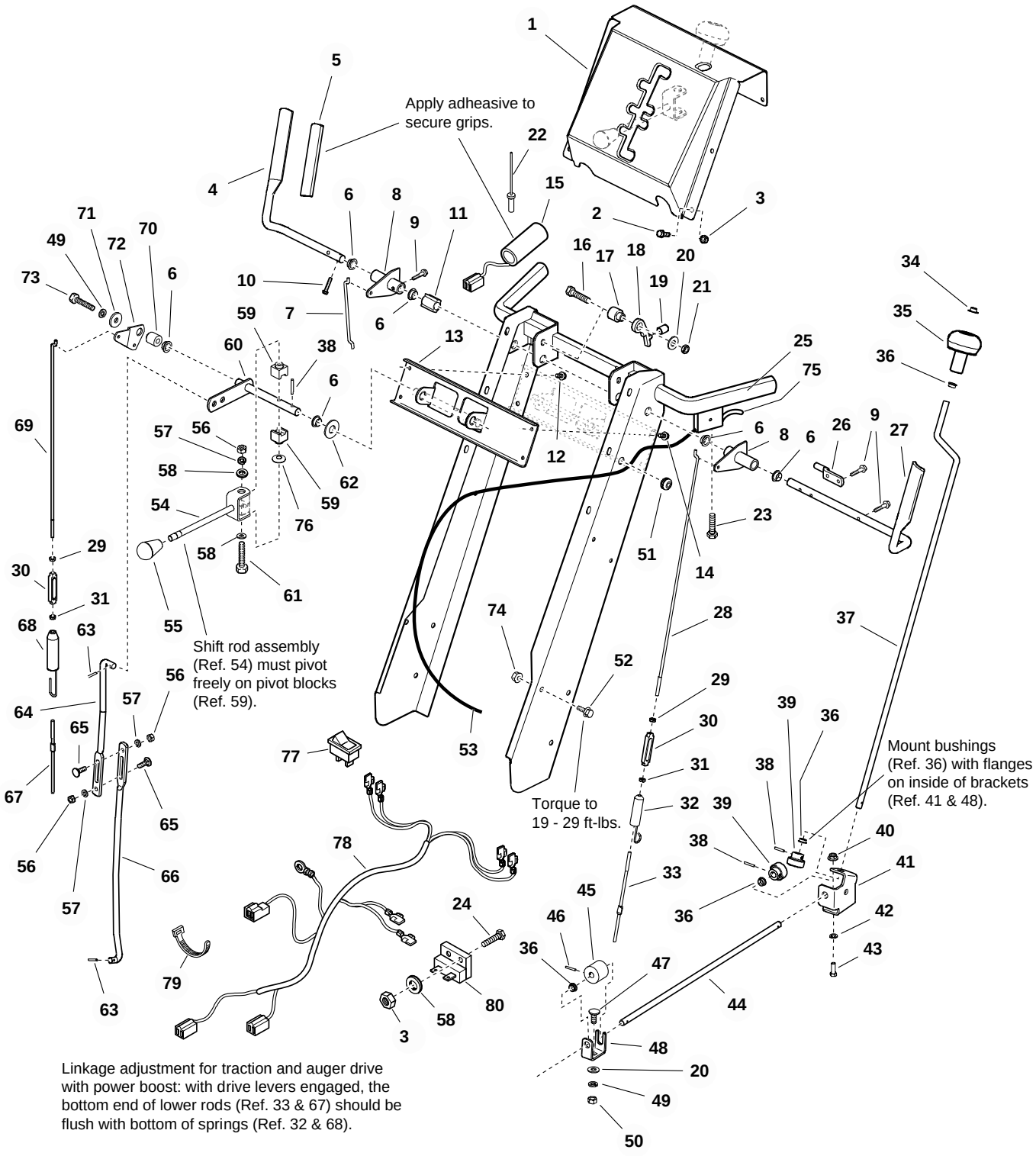
Apply adheasive to secure grips.
Shift rod assembly (Ref. 54) must pivot freely on pivot blocks (Ref. 59).
Torque to 19 - 29 ft-lbs.
Mount bushings (Ref. 36) with flanges on inside of brackets (Ref. 41 & 48).
Linkage adjustment for traction and auger drive with power boost: with drive levers engaged, the bottom end of lower rods (Ref. 33 & 67) should be flush with bottom of springs (Ref. 32 & 68).

The above parts group applies to the following Mfg. Nos.:

1694442 - 1280E
1694438 - 1280M

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Handles and Controls Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	1667800	1	DASHBOARD
2	1935450	4	CAPSCREW, Hex Head, 1/4-20 x 3/4
3	1920397	4	NUT, Hex Lock, 1/4-20
4	1612165	1	HANDLE, Clutch, RH
5	1668608	2	GRIP
6	1668185	6	BUSHING, Nylon
7	1702663	1	ROD, Clutch
8	1725205	2	LEVER & TUBE ASSEMBLY
9	1960471	4	CAPSCREW, Hex Washer Head, #12-24 x 1
10	1928732	1	CAPSCREW, Hex Washer Head, #10-24 x 1
11	1705899	1	GUIDE, Control
12	1927429	2	CAPSCREW, Hex Washer Head, 1/4-20 x 5/8
13	1723935	1	BRACKET, Shift Control
14	1925003	4	CAPSCREW, Hex Head, Taptite, 1/4-20 x 1/2
15	1723965	2	HAND GRIP, Heated
16	1921221	1	CAPSCREW, Hex Head, 5/16-18 x 1-1/2
17	1678579	1	SPACER
18	1705898	1	LATCH, Control
19	1701342	1	SPRING, Compression
20	1919326	2	WASHER, 5/16
21	1923362	1	NUT, Hex, Center Lock, 5/16-18
22	1724096	4	RIVET, Pop
23	1725702	1	SCREW, Pan Torx Head, #10 x 1/2
24	1923341	1	CAPSCREW, Hex Head, 1/4-20 x 3/4
25	1725124	1	HANDLE ASSEMBLY
26	1677453	1	ROD, Control
27	1612167	1	HANDLE, Clutch, LH
28	1668121	1	ROD, 17.3" Long
29	928704	2	NUT, LH, Machine Screw, Hex, #10-24
30	108775	2	TURNBUCKLE
31	1916621	2	NUT, RH, Machine Screw, Hex, #10-24
32	1707452	1	SPRING
33	1668526	1	ROD, Clutch
34	1960093	1	PUSH NUT
35	1714084	1	KNOB, Spinner
36	1667588	4	BUSHING, Nylon
37	1715658	1	ROD, Chute Control
38	1918452	3	PIN, Cotter
39	1718593	2	GEAR
40	1960294	2	NUT, Hex Flange, 1/4-20

Footnotes

The above parts group applies to the following Mfg. Nos.:
1694442 - 1280E
1694438 - 1280M

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Handles and Controls Group

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

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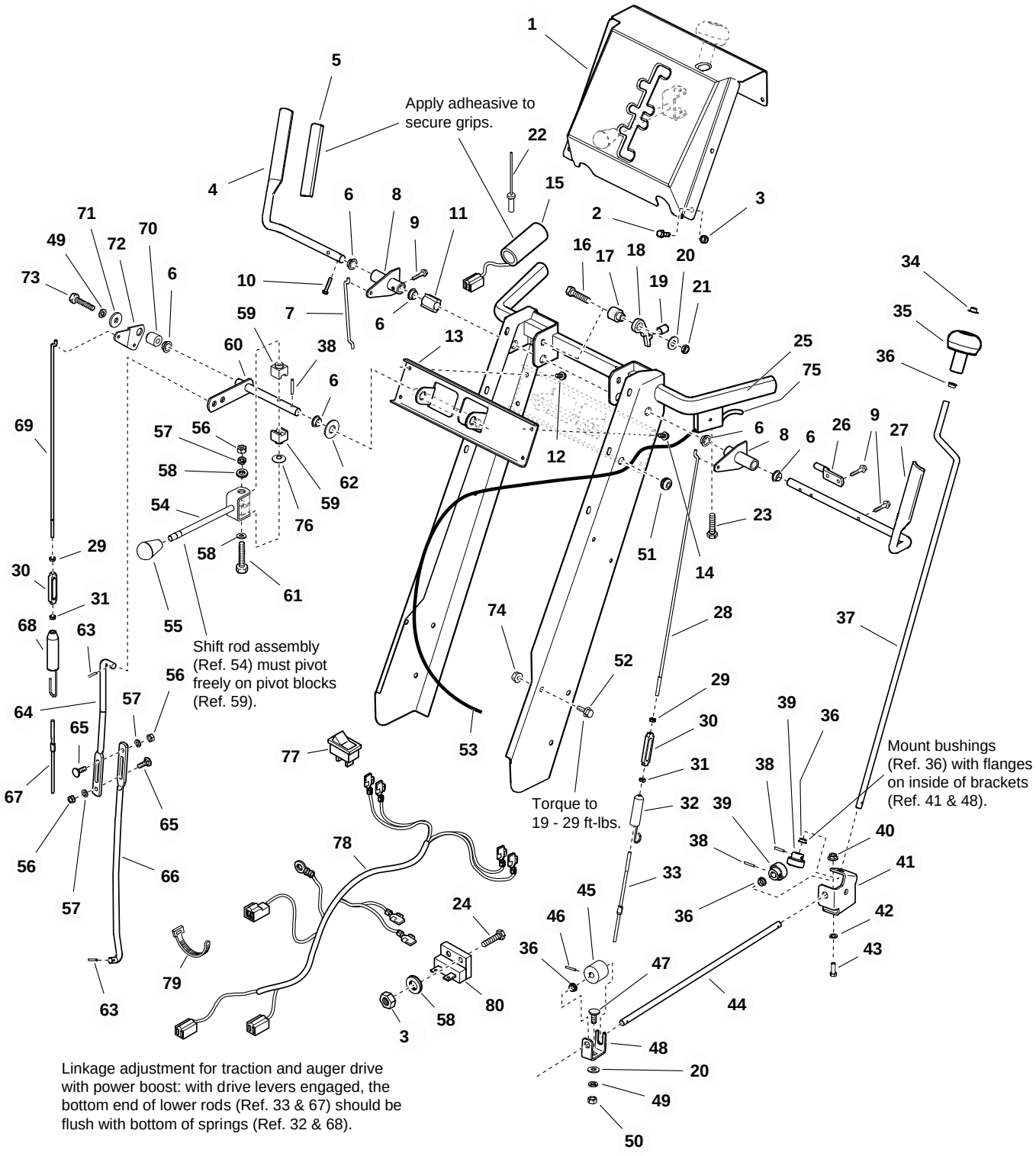
Apply adheasive to secure grips.
Shift rod assembly (Ref. 54) must pivot freely on pivot blocks (Ref. 59).
Torque to 19 - 29 ft-lbs.
Mount bushings (Ref. 36) with flanges on inside of brackets (Ref. 41 & 48).
Linkage adjustment for traction and auger drive with power boost: with drive levers engaged, the bottom end of lower rods (Ref. 33 & 67) should be flush with bottom of springs (Ref. 32 & 68).

The above parts group applies to the following Mfg. Nos.:

1694442 - 1280E
1694438 - 1280M

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Handles and Controls Group

REF NO.	PART NO.	QTY.	DESCRIPTION
41	1718793	1	SUPPORT, Gear
42	1960518	2	PUSH NUT
43	1960252	2	CARRIAGE BOLT, 1/4-20 x 5/8
44	1725283	1	ROD, Chute
45	1668186	1	GEAR, Worm
46	916168	2	PIN, Spring, 1/8 x 3/4
47	1931333	1	CARRIAGE BOLT, 5/16-18 x 3/4
48	1611911	1	SUPPORT, Worm
49	1917356	2	LOCKWASHER, Spring, 5/16
50	1917372	1	NUT, Hex, 5/16-18
51	1664022	1	GROMMET
52	1930591	6	CAPSCREW, Hex Whiz Lock, 5/16-18 x 3/4
53	1718791	1	CABLE & HANDLE ASSEMBLY, Clutch (Includes Ref. 75)
54	1714120	1	SHIFT ASSEMBLY, Rod & Clevis
55	1713844	1	KNOB
56	1916622	3	NUT, Hex, 1/4-20
57	1916964	3	LOCKWASHER, Spring, 1/4
58	1921319	1	WASHER, 1/4
59	1668524	2	BLOCK, Pivot
60	1703043	1	ROD & ARM ASSEMBLY, Pivot
61	1921159	1	CAPSCREW, Hex Head, 1/4-20 x 2 1/4
62	1924361	1	WASHER, 1/2
63	1918447	3	PIN, Cotter
64	1720448	1	ROD, Shift, Upper
65	1931317	2	CARRIAGE BOLT, 1/4-20 x 3/4
66	1666255	1	ROD, Shift, Lower
67	1702004	1	ROD, Clutch, Lower
68	1701996	1	SPRING
69	1702485	1	ROD, Clutch, Upper
70	1702552	1	SPACER
71	1919381	1	WASHER, 5/16
72	1702662	1	LEVER, Clutch
73	1922127	1	CAPSCREW, Hex Head, 5/16-18 x 3/4
74	1931277	6	NUT, Hex Flange, 5/16-18
75	1718804	1	TRIGGER ASSEMBLY, Easy Turn Clutch Cable
76	1668681	1	WASHER, Curved, 1/2
77	1723967	1	SWITCH, Heated Grips, Rocker
78	1725439	1	HARNESS, Wiring
79	1701011	2	TIE, Self Locking
80	1724037	1	RESISTOR BLOCK

Footnotes

The above parts group applies to the following Mfg. Nos.:
1694442 - 1280E
1694438 - 1280M

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Engine and Frame Group - 12HP Electric Start

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

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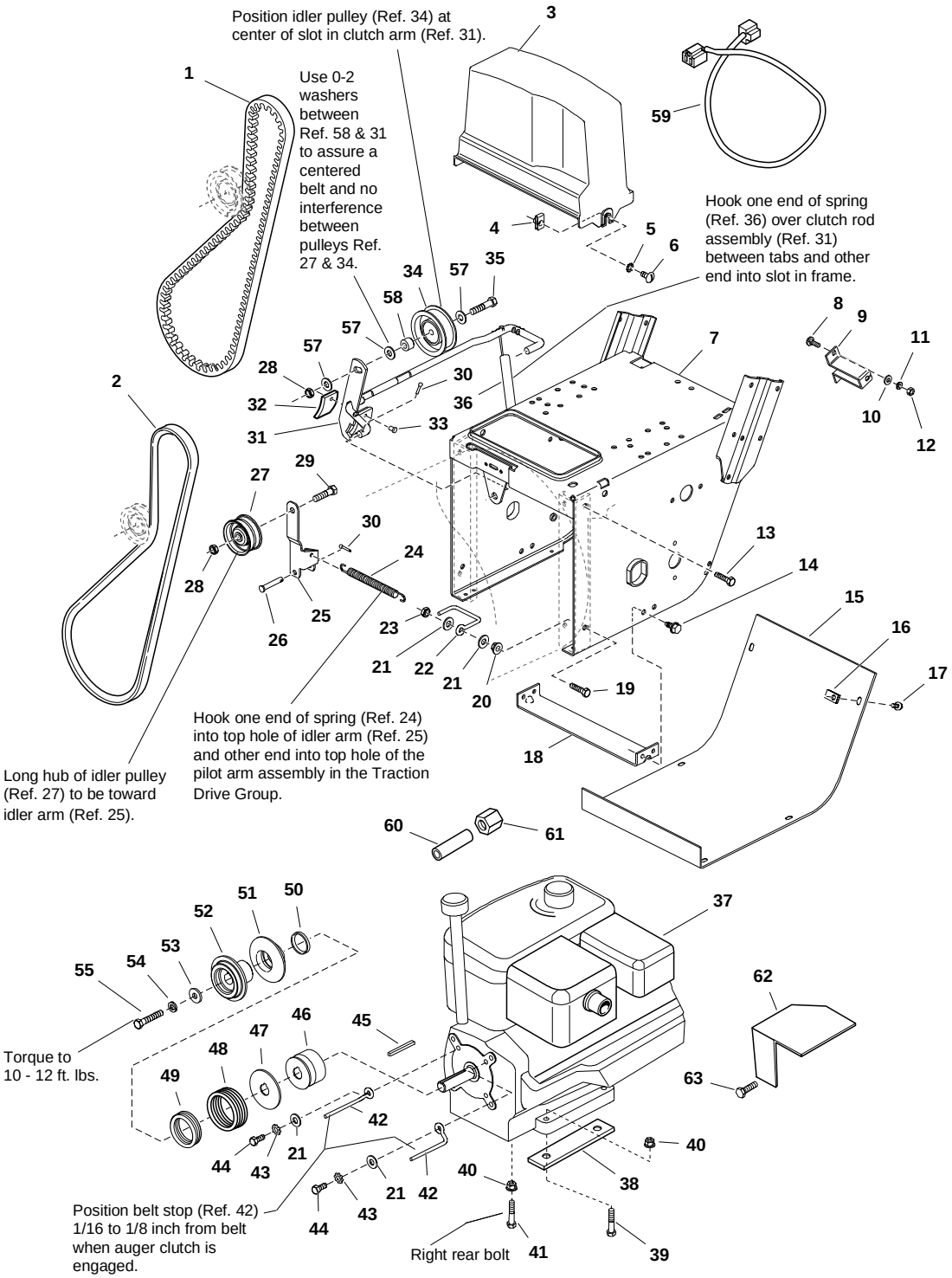
Position idler pulley (Ref. 34) at center of slot in clutch arm (Ref. 31).
Use 0-2 washers between Ref. 58 & 31 to assure a centered belt and no interference between pulleys Ref. 27 & 34.
Hook one end of spring (Ref. 36) over clutch rod assembly (Ref. 31) between tabs and other end into slot in frame.
Long hub of idler pulley (Ref. 27) to be toward idler arm (Ref. 25).
Hook one end of spring (Ref. 24) into top hole of idler arm (Ref. 25) and other end into top hole of the pilot arm assembly in the Traction Drive Group.
Torque to 10 - 12 ft. lbs.
Position belt stop (Ref. 42) 1/16 to 1/8 inch from belt when auger clutch is engaged.
Right rear bolt

The above parts group applies to the following Mfg. Nos.:

1694442 - 1280E

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Engine and Frame Group - 12HP Electric Start

REF NO.	PART NO.	QTY.	DESCRIPTION
1	1676460	1	BELT, Traction
2	1700415	1	BELT, Auger Drive
3	1725287	1	GUARD, Belt
4	1935255	2	NUT, Speed, 5/16-18
5	920426	2	LOCKWASHER, Ext. Tooth, 5/16
6	1918249	2	SCREW, Truss Head, 5/16-18 x 3/4
7	1725270	1	FRAME, Main
8	1931317	2	CARRIAGE BOLT, 1/4-20 x 3/4
9	1720404	1	SUPPORT, Clutch Cable
10	1921319	2	WASHER, 1/4
11	1916964	2	LOCKWASHER, Spring, 1/4
12	1916622	2	NUT, Hex 1/4-20
13	1930591	2	CAPSCREW, Hex Head, Whizlock, 5/16-18 x 3/4
14	1664847	4	CAPSCREW, Hex Head, Taptite, 5/16-18 x 3/8
15	1666374	1	COVER, Bottom
16	1926018	6	NUT, Speed, 1/4-20
17	1925003	6	CAPSCREW, Hex Head, Taptite, 1/4-20 x 1/2
18	1669198	1	SUPPORT, Tie Bar
19	1930595	2	CAPSCREW, Hex Head, Whizlock, 5/16-18 x 1-1/4
20	1927557	4	NUT, Hex, Whizlock, 5/16-18
21	1919326	6	WASHER, 11/32 x 3/4
22	1702969	2	GUIDE, Belt
23	1923362	2	NUT, Hex, Centerlock, 5/16-18
24	1672735	1	SPRING, Idler
25	1703046	1	ARM, Idler, Traction
26	1665994	1	PIN
27	1668477	1	PULLEY, Idler
28	1928731	2	LOCKNUT, Jam, 3/8-16
29	1960647	1	CAPSCREW, Hex Head, 3/8-16 x 1-1/2
30	1918451	2	PIN,Cotter, 1/8 x 3/4
31	1612200	1	CLUTCH ROD & BRAKE ASSEMBLY
32	1669313	1	PAD, Brake
33	925160	2	RIVET, Pop
34	154534	1	PULLEY
35	1921971	1	CAPSCREW, Hex Head, 3/8-16 x 1-3/4
36	1724503	1	SPRING, Extension
37	*	1	ENGINE, Briggs & Stratton, 12 H.P. Electric Start - Engine Model #20G4140111E1
38	1725326	4	SUPPORT, Engine Riser
39	1935159	3	CAPSCREW, Hex Head, 5/16-18 x 2-1/2, Black
40	1931277	1	NUT, Hex Flange, 5/16-18

Footnotes

* See your local Briggs & Stratton distributor for Parts & Service.

** Not a Service Part.

The above parts group applies to the following Mfg. Nos.:

1694442 - 1280E

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Engine and Frame Group - 12HP Electric Start

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

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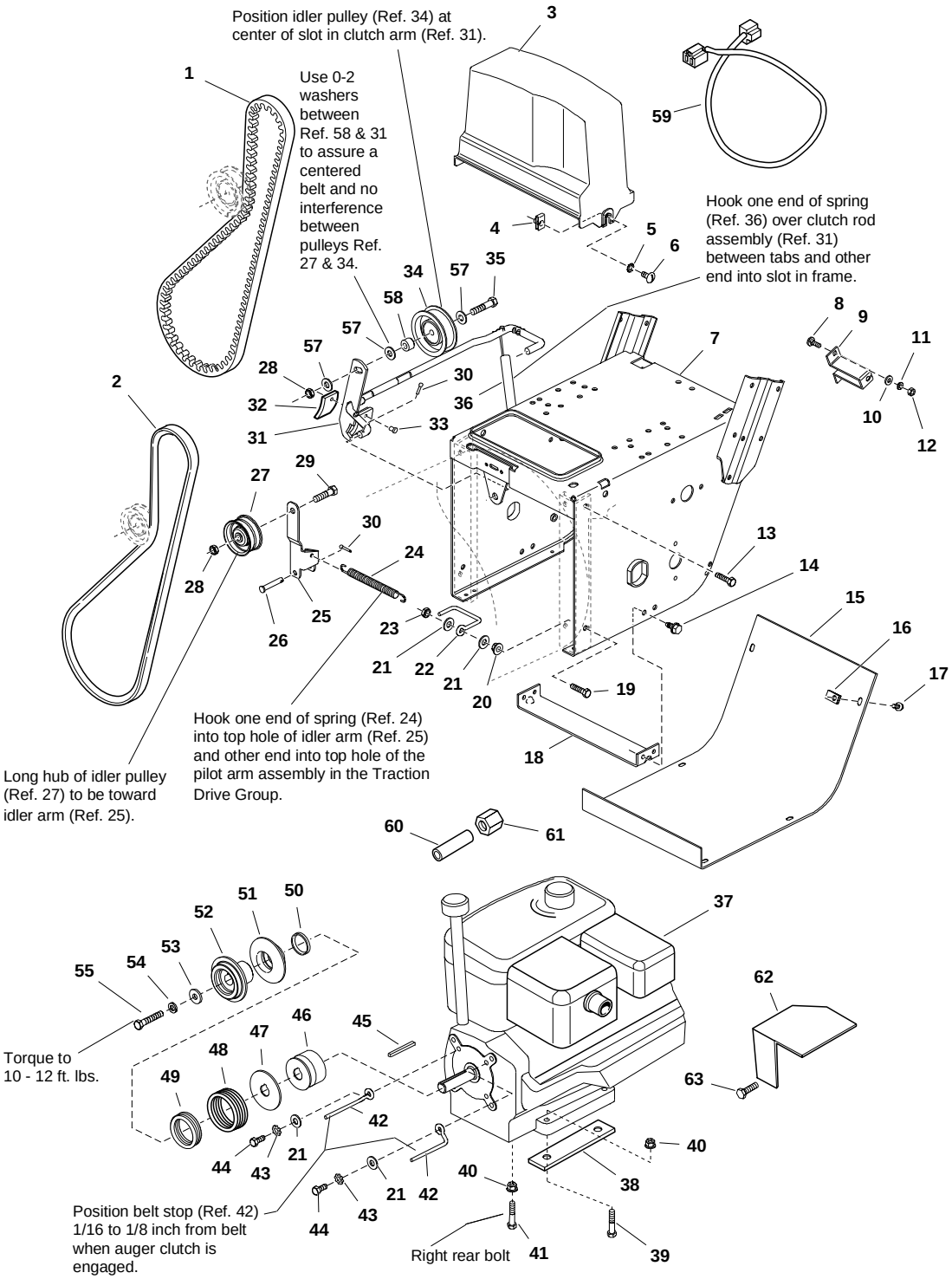
Position idler pulley (Ref. 34) at center of slot in clutch arm (Ref. 31).
Use 0-2 washers between Ref. 58 & 31 to assure a centered belt and no interference between pulleys Ref. 27 & 34.
Hook one end of spring (Ref. 36) over clutch rod assembly (Ref. 31) between tabs and other end into slot in frame.
Long hub of idler pulley (Ref. 27) to be toward idler arm (Ref. 25).
Hook one end of spring (Ref. 24) into top hole of idler arm (Ref. 25) and other end into top hole of the pilot arm assembly in the Traction Drive Group.
Torque to 10 - 12 ft. lbs.
Position belt stop (Ref. 42) 1/16 to 1/8 inch from belt when auger clutch is engaged.
Right rear bolt

The above parts group applies to the following Mfg. Nos.:
1694442 - 1280E

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Engine and Frame Group - 12HP Electric Start

REF NO.	PART NO.	QTY.	DESCRIPTION
41	960551	1	CAPSCREW, Hex Head, 5/16-18 x 2-1/2, Black
42	1702970	2	GUIDE, Belt
43	1917356	2	LOCKWASHER, 5/16
44	1921515	2	CAPSCREW, Hex Head, 5/16-24 x 3/4
45	1672129	1	KEY, Parallel, 3/16 x 13/16 x 7/8
46	1724454	1	PULLEY, Traction
47	1701818	1	WASHER, Thrust
48	1702425	1	SPRING, Compression
49	1701849	1	SPRING, Compression
50	**	1	WICK, Oil (Not a Service Part)
51	1702017	1	PULLEY, Drive
52	1701776	1	PULLEY, Drive
53	1922755	1	WASHER, 13/32 x 1
54	1916965	1	LOCKWASHER, Spring, 3/8
55	1922128	1	CAPSCREW, Hex Head, 3/8-24 x 1-1/2
56	1725399	1	DECAL, 12HP Briggs & Stratton (Not Shown)
57	1924940	3	WASHER, Flat, 13/32
58	157081	1	SPACER
59	**	1	CORD, Electric, 3 Prong (Not a Service Part)
60	1724455	1	PIPE, Oil Drain
61	1724456	1	CAP, Hex, 1/2 x 18 NPT
62	1725664	1	GUARD, Muffler
63	1929477	3	CAPSCREW, Hex Washer Head, Taptite, #10-24 x 1/2

Footnotes

* See your local Briggs & Stratton distributor for Parts & Service.

** Not a Service Part.

The above parts group applies to the following Mfg. Nos.:

1694442 - 1280E

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NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

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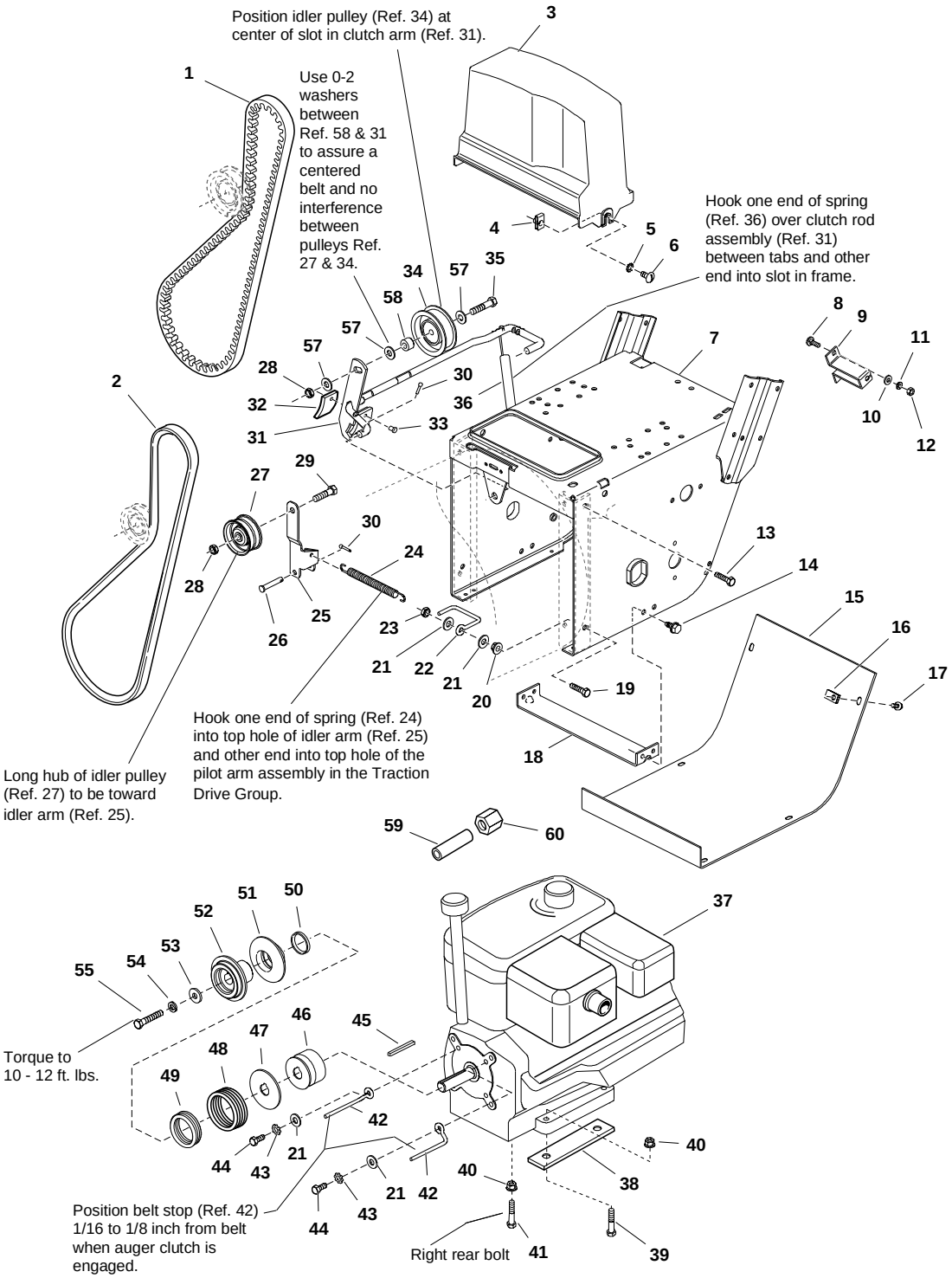
Position idler pulley (Ref. 34) at center of slot in clutch arm (Ref. 31).
Use 0-2 washers between Ref. 58 & 31 to assure a centered belt and no interference between pulleys Ref. 27 & 34.
Hook one end of spring (Ref. 36) over clutch rod assembly (Ref. 31) between tabs and other end into slot in frame.
Long hub of idler pulley (Ref. 27) to be toward idler arm (Ref. 25).
Hook one end of spring (Ref. 24) into top hole of idler arm (Ref. 25) and other end into top hole of the pilot arm assembly in the Traction Drive Group.
Torque to 10 - 12 ft. lbs.
Position belt stop (Ref. 42) 1/16 to 1/8 inch from belt when auger clutch is engaged.
Right rear bolt

The above parts group applies to the following Mfg. Nos.:
1694438 - 1280M

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Engine and Frame Group - 12HP Manual Start

REF NO.	PART NO.	QTY.	DESCRIPTION
1	1676460	1	BELT, Traction
2	1700415	1	BELT, Auger Drive
3	1725287	1	GUARD, Belt
4	1935255	2	NUT, Speed, 5/16-18
5	1920426	2	LOCKWASHER, Ext. Tooth, 5/16
6	1918249	2	SCREW, Truss Head, 5/16-18 x 3/4
7	1725270	1	FRAME, Main
8	1931317	2	CARRIAGE BOLT, 1/4-20 x 3/4
9	1720404	1	SUPPORT, Clutch Cable
10	1921319	2	WASHER, 1/4
11	1916964	2	LOCKWASHER, Spring, 1/4
12	1916622	2	NUT, Hex, 1/4-20
13	1930591	2	CAPSCREW, Hex Head, Whizlock, 5/16-18 x 3/4
14	1664847	4	CAPSCREW, Hex Head, Taptite, 5/16-18 x 3/8
15	1666374	1	COVER, Bottom
16	1926018	6	NUT, Speed, 1/4-20
17	1925003	6	CAPSCREW, Hex Head, Taptite, 1/4-20 x 1/2
18	1669198	1	SUPPORT, Tie Bar
19	1930595	2	CAPSCREW, Hex Head, Whizlock, 5/16-18 x 1-1/4
20	1927557	4	NUT, Hex, Whizlock, 5/16-18
21	1919326	6	WASHER, 11/32 x 3/4
22	1702969	2	GUIDE, Belt
23	1923362	2	NUT, Hex, Centerlock, 5/16-18
24	1672735	1	SPRING, Idler
25	1703046	1	ARM, Idler, Traction
26	1665994	1	PIN
27	1668477	1	PULLEY, Idler
28	1928731	2	LOCKNUT, Jam, 3/8-16
29	1960647	1	CAPSCREW, Hex Head, 3/8-16 x 1-1/2
30	1918451	2	PIN, Cotter, 1/8 x 3/4
31	1612200	1	CLUTCH ROD & BRAKE ASSEMBLY
32	1669313	1	PAD, Brake
33	925160	2	RIVET, Pop
34	154534	1	PULLEY
35	1921971	1	CAPSCREW, Hex Head, 3/8-16 x 1-3/4
36	1724503	1	SPRING, Extension
37	*	1	ENGINE, Briggs & Stratton, 12 H.P. Manual Start - Engine Model #20G4160110E1
38	1725326	4	SUPPORT, Engine Riser
39	1935159	3	CAPSCREW, Hex Head, 5/16-18 x 2-1/2, Black
40	1931277	1	NUT, Hex Flange, 5/16-18

Footnotes

* See your local Briggs & Stratton distributor for Parts & Service.

** Not a Service Part.

The above parts group applies to the following Mfg. Nos.:

1694438 - 1280M

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NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

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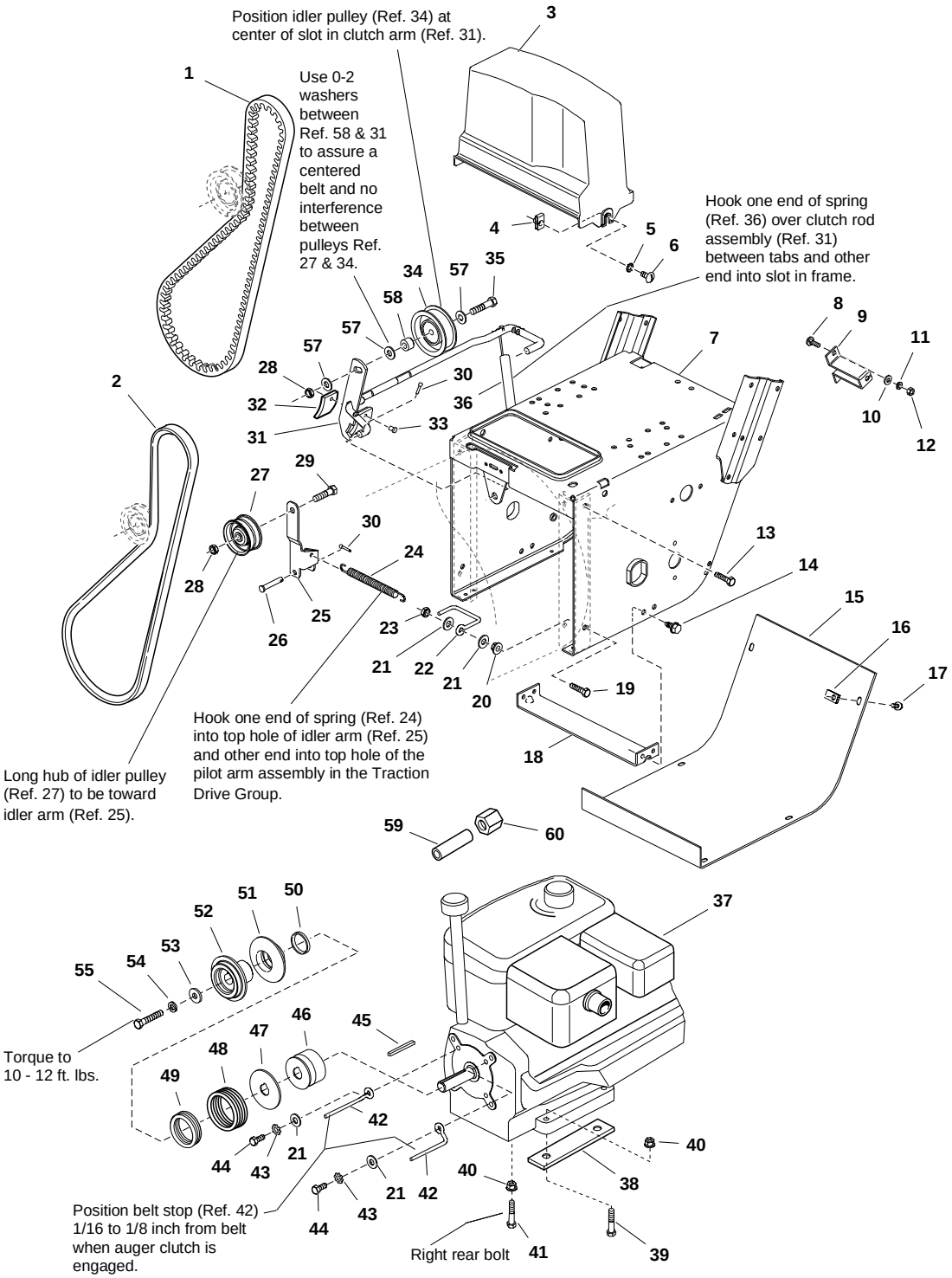
Position idler pulley (Ref. 34) at center of slot in clutch arm (Ref. 31).
Use 0-2 washers between Ref. 58 & 31 to assure a centered belt and no interference between pulleys Ref. 27 & 34.
Hook one end of spring (Ref. 36) over clutch rod assembly (Ref. 31) between tabs and other end into slot in frame.
Long hub of idler pulley (Ref. 27) to be toward idler arm (Ref. 25).
Hook one end of spring (Ref. 24) into top hole of idler arm (Ref. 25) and other end into top hole of the pilot arm assembly in the Traction Drive Group.
Torque to 10 - 12 ft. lbs.
Position belt stop (Ref. 42) 1/16 to 1/8 inch from belt when auger clutch is engaged.
Right rear bolt

The above parts group applies to the following Mfg. Nos.:
1694438 - 1280M

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Engine and Frame Group - 12HP Manual Start

REF NO.	PART NO.	QTY.	DESCRIPTION
41	960551	1	CAPSCREW, Hex Head, 5/16-18 x 2-1/2, Black
42	1702970	2	GUIDE, Belt
43	1917356	2	LOCKWASHER, 5/16
44	1921515	2	CAPSCREW, Hex Head, 5/16-24 x 3/4
45	1672129	1	KEY, Parallel, 3/16 x 13/16 x 7/8
46	1724454	1	PULLEY, Traction
47	1701818	1	WASHER, Thrust
48	1702425	1	SPRING, Compression
49	1701849	1	SPRING, Compression
50	**	1	WICK, Oil (Not a Service Part)
51	1702017	1	PULLEY, Drive
52	1701776	1	PULLEY, Drive
53	1922755	1	WASHER, 13/32 x 1
54	1916965	1	LOCKWASHER, Spring, 3/8
55	1922128	1	CAPSCREW, Hex Head, 3/8-24 x 1-1/2
56	1725399	1	DECAL, 12HP Briggs& Stratton (Not Shown)
57	1924940	3	WASHER, Flat, 13/32
58	157081	1	SPACER
59	1724455	1	PIPE, Oil Drain
60	1724456	1	CAP, Hex, 1/4-18NPT

Footnotes

* See your local Briggs & Stratton distributor for Parts & Service.

** Not a Service Part.

The above parts group applies to the following Mfg. Nos.:

1694438 - 1280M

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Auger and Impeller Group - 32"

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

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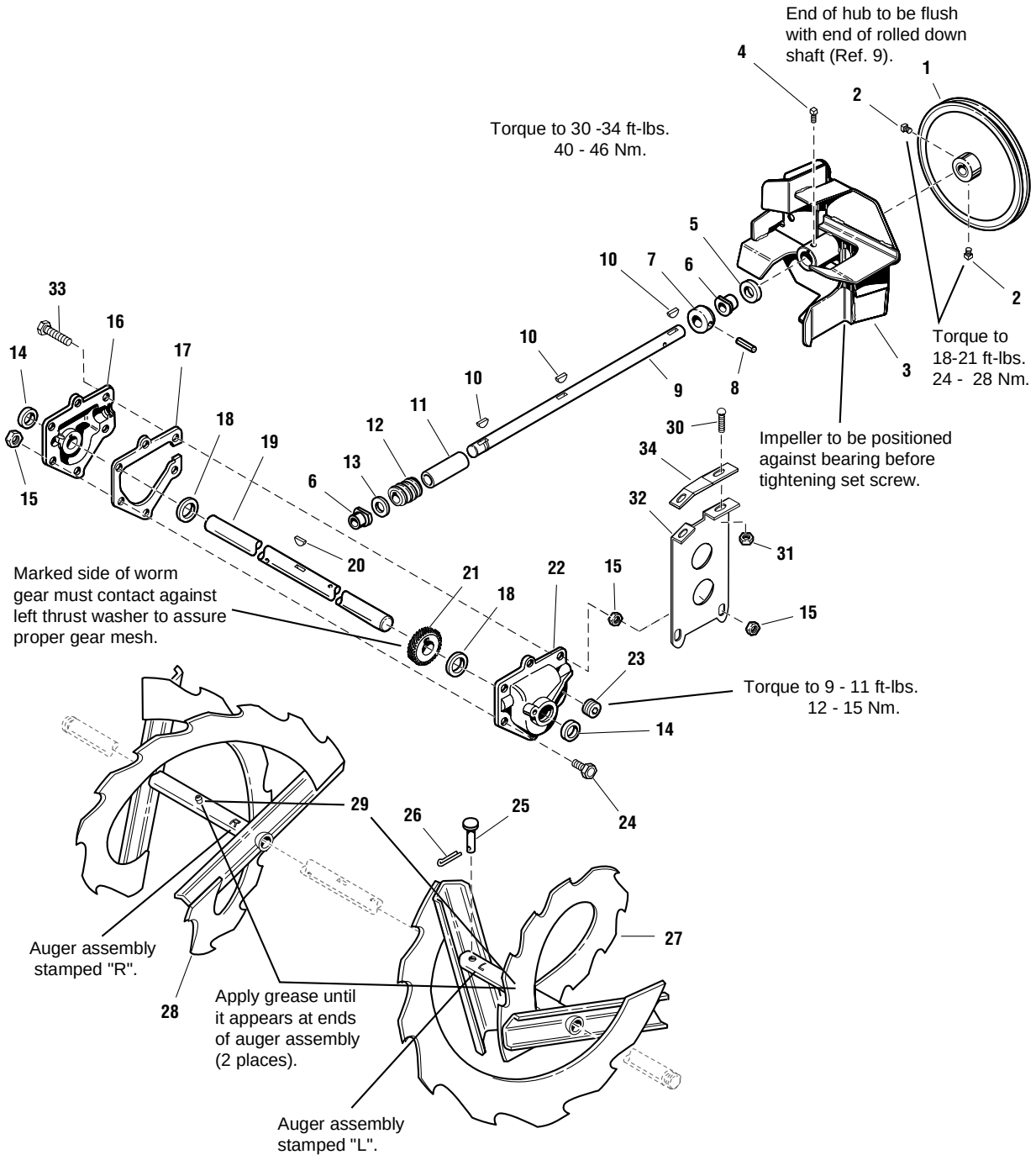
End of hub to be flush with end of rolled down shaft (Ref. 9).
Torque to 30 -34 ft-lbs. 40 - 46 Nm.
Torque to 18-21 ft-lbs. 24 - 28 Nm.
Impeller to be positioned against bearing before tightening set screw.
Marked side of worm gear must contact against left thrust washer to assure proper gear mesh.
Torque to 9 - 11 ft-lbs. 12 - 15 Nm.
Auger assembly stamped "R".
Apply grease until it appears at ends of auger assembly (2 places).
Auger assembly stamped "L".

The above parts group applies to the following Mfg. Nos.:

1694438 - 1280M
1694442 - 1280E

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Auger and Impeller Group - 32"

REF NO.	PART NO.	QTY.	DESCRIPTION
1	1679293	1	PULLEY, Auger Input
2	1928721	2	SETSCREW, Square Head, 5/16-18 x 1/2
3	1612187	1	IMPELLER ASSEMBLY
4	1960474	1	SETSCREW, Square Head, 3/8-16x 1/2
5	1612093	1	SEAL, Oil
6	1612149	2	BUSHING, Flange
7	1612127	1	COLLAR, Thrust
8	936098	1	PIN, Drivelok, 3/16 x 1-1/2
9	1612129	1	SHAFT, Worm
10	918312	3	KEY, Woodruff, 3/16 x 5/8
11	1612111	1	TUBE
12	1612142	1	GEAR, Rolled Worm
13	168111	1	WASHER, Thrust
14	118118	2	SEAL
15	1923358	8	LOCKNUT, Hex, 1/4-20
16	1612137	1	CASE, Gear, RH
17	1612124	1	GASKET
18	118315	2	WASHER, Thrust
19	1612117	1	SHAFT, Auger
20	930246	1	KEY, Woodruff, 1/4 x 3/4
21	1612141	1	GEAR, Worm
22	1612136	1	CASE, Gear, LH
23	1668971	1	PLUG, Pipe, Tapered, 1/8
24	1960346	4	CAPSCREW, Hex Head, 1/4-20 x 7/8
25	1668344	2	PIN, Shear
26	1918447	2	PIN, Cotter, 3/32 x 3/4
27	1718786	1	AUGER ASSEMBLY, LH, 32"
28	1718787	1	AUGER ASSEMBLY, RH, 32"
29	921133	2	FITTING, Lube, 1/4
30	1931333	2	CARRIAGE BOLT, 5/16-18 x 3/4
31	1931277	2	NUT, Hex Flange Whiz Lock, 5/16-18
32	1723922	1	SUPPORT, Gear Box
33	1923282	2	CAPSCREW, Hex Head, 1/4-20 x 2-1/2
34	1724420	1	PLATE, As Needed

Footnotes

The above parts group applies to the following Mfg. Nos.:
1694438 - 1280M
1694442 - 1280E

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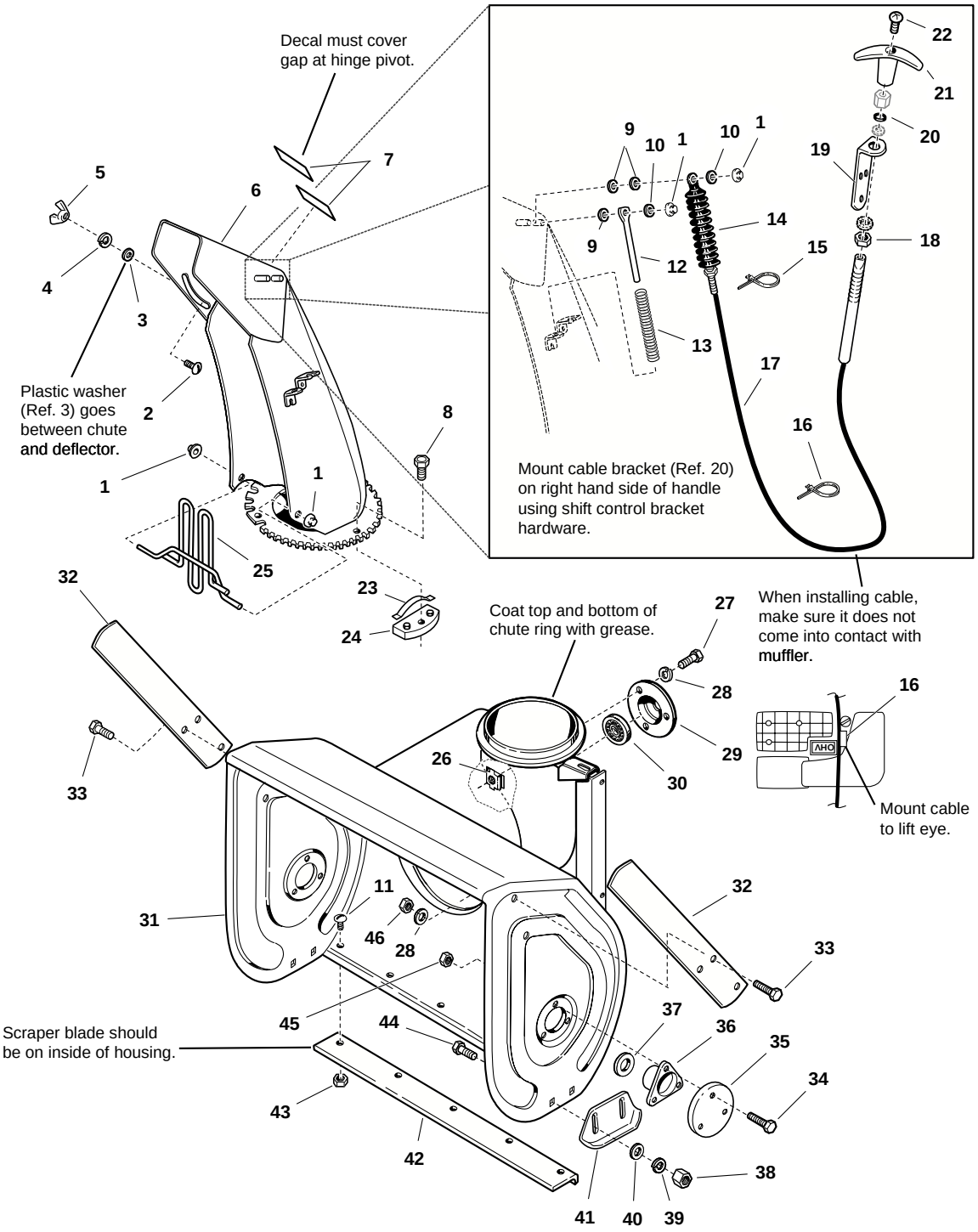
Auger Housing and Chute Group - 32"

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

985640


Decal must cover gap at hinge pivot.
Plastic washer (Ref. 3) goes between chute and deflector.
Mount cable bracket (Ref. 20) on right hand side of handle using shift control bracket hardware.
When installing cable, make sure it does not come into contact with muffler.
Coat top and bottom of chute ring with grease.
Mount cable to lift eye.
Scraper blade should be on inside of housing.

The above parts group applies to the following Mfg. Nos.:

1694442 - 1280E

1694438 - 1280M

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Auger Housing and Chute Group - 32"

REF NO.	PART NO.	QTY.	DESCRIPTION
1	1960126	4	PUSH NUT, 1/4
2	1931333	1	CARRIAGE BOLT, 5/16-18 x 3/4
3	960210	1	WASHER, Nylon
4	1919326	1	WASHER, Flat, 11/32
5	933126	1	WINGNUT, 5/16-18
6	1720671	1	CHUTE & DEFLECTOR ASSEMBLY
7	1706085	2	SEAL, Hinge Decal
8	1960001	3	CAPSCREW, Hex, Washer Head, Plastite 10-14 x 5/8
9	1702219	3	SPACER,
10	1921319	2	WASHER, Flat
11	1931332	5	CARRIAGE BOLT, 5/16-18 x 5/8
12	1611945	1	ROD, Spring
13	1611939	1	SPRING
14	1700048	1	BOOT, Water
15	932747	2	TIE, Self-Locking, Cable Assembly
16	1701011	2	TIE, Self-Locking
17	1720446	1	CABLE, Assembly, 67" Long (Includes Reference Numbers 14, 21, 20 & 22)
18	1922014	2	NUT, 5/16-18
19	1705920	1	BRACKET, Cable
20	1719139	1	SEAL, Rod, Chute Deflector Cable
21	1719138	1	HANDLE, Cable
22	1960600	1	SCREW, Pan Head, #8-32 x 11/16
23	1667865	3	SPRING
24	1666613	3	HOLD DOWN, Chute, Black Nylon
25	1612455	1	GUARD & SUPPORT ASSEMBLY, Chute
26	1930659	3	NUT, Retainer, 5/16-18
27	1925205	3	CAPSCREW, Hex Head, 5/16-18 x 17/64
28	1917356	7	LOCKWASHER, 5/16
29	1665982	1	RETAINER, Bearing
30	108202	1	BEARING, Ball
31	1612186	1	HOUSING ASSEMBLY, Auger, 32"
32	1715787	2	CUTTER, Drift
33	1921332	4	CAPSCREW, Hex Head, 5/16-18 x 3/4
34	1923325	6	CAPSCREW, Hex Head, 5/16-18 x 7/8
35	1668639	2	BEARING, Cap
36	1665980	2	BEARING, Auger, Flange
37	1663189	2	SPACER
38	1916950	4	NUT, Hex, 3/8-16
39	1916965	4	LOCKWASHER, 3/8
40	1924940	4	WASHER, Flat, 13/32

Footnotes

The above parts group applies to the following Mfg. Nos.:
1694442 - 1280E
1694438 - 1280M

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Auger Housing and Chute Group - 32"

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

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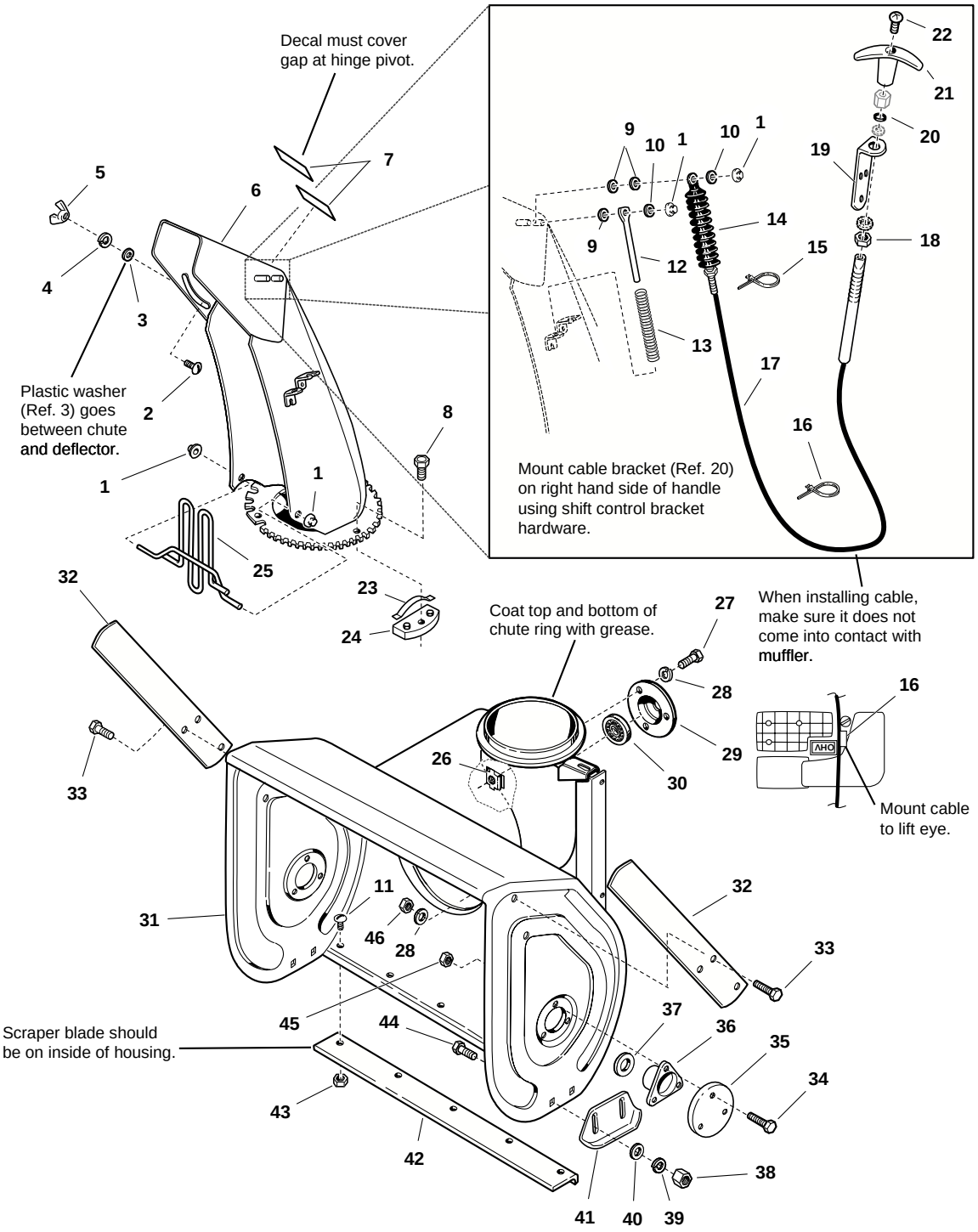
Decal must cover gap at hinge pivot.
Plastic washer (Ref. 3) goes between chute and deflector.
Mount cable bracket (Ref. 20) on right hand side of handle using shift control bracket hardware.
When installing cable, make sure it does not come into contact with muffler.
Coat top and bottom of chute ring with grease.
Mount cable to lift eye.
Scraper blade should be on inside of housing.

The above parts group applies to the following Mfg. Nos.:

1694442 - 1280E
1694438 - 1280M

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Auger Housing and Chute Group - 32"

REF NO.	PART NO.	QTY.	DESCRIPTION
41	177434	2	SKID
42	1709948	1	BLADE, Scraper, 32"
43	1935048	5	NUT, Hex Flange, 2-Way Lock, 5/16-18
44	1931348	4	CARRIAGE BOLT, 3/8-16 x 3/4
45	1923362	6	NUT, Hex, Center Lock, 5/16-18
46	1917372	4	NUT, Hex, 5/16-18

Footnotes

The above parts group applies to the following Mfg. Nos.:
1694442 - 1280E
1694438 - 1280M

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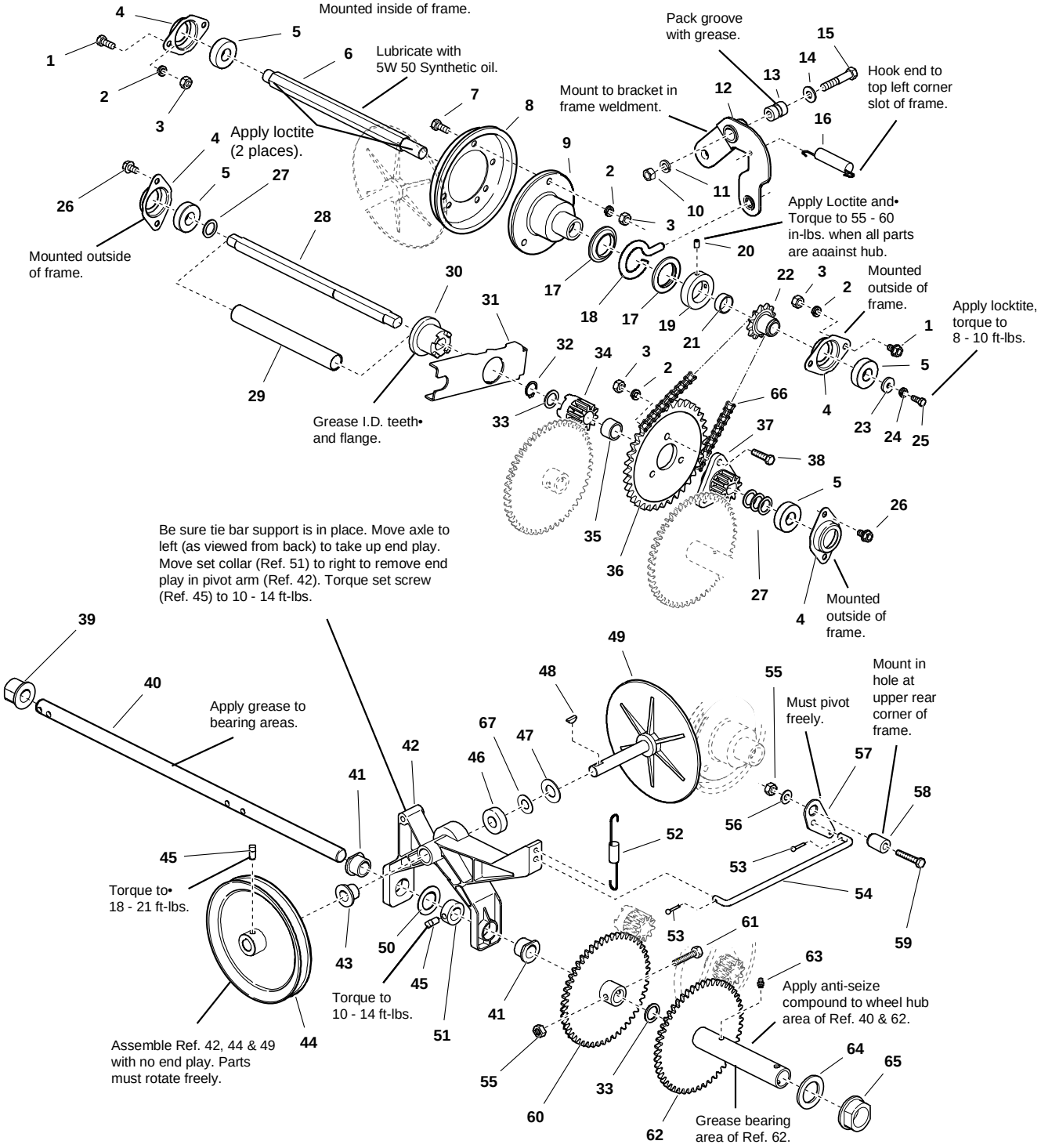
Traction Drive Group

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

SC985638


Mounted inside of frame.
Lubricate with 5W 50 Synthetic oil.
Pack groove with grease.
Hook end to top left corner slot of frame.
Mount to bracket in frame weldment.
Apply loctite (2 places).
Mounted outside of frame.
Apply Loctite and• Torque to 55 - 60 in-lbs. when all parts are against hub.
Mounted outside of frame.
Apply locktite, torque to 8 - 10 ft-lbs.
Grease I.D. teeth• and flange.
Be sure tie bar support is in place. Move axle to left (as viewed from back) to take up end play. Move set collar (Ref. 51) to right to remove end play in pivot arm (Ref. 42). Torque set screw (Ref. 45) to 10 - 14 ft-lbs.
Mounted outside of frame.
Apply grease to bearing areas.
Must pivot freely.
Mount in hole at upper rear corner of frame.
Torque to• 18 - 21 ft-lbs.
Torque to 10 - 14 ft-lbs.
Apply anti-seize compound to wheel hub area of Ref. 40 & 62.
Assemble Ref. 42, 44 & 49 with no end play. Parts must rotate freely.
Grease bearing area of Ref. 62.

The above parts group applies to the following Mfg. Nos.:

1694438 - 1280M
1694442 - 1280E

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Traction Drive Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	1925205	4	CAPSCREW, Hex Head, 5/16-18 x 5/8
2	1917356	10	LOCKWASHER, 5/16
3	1917372	10	NUT, Hex, 5/16-18
4	1667341	4	RETAINER, Bearing
5	1705897	4	BEARING
6	1667340	1	SHAFT, Hex
7	1921332	3	CAPSCREW, Hex Head, 5/16-18 x 3/4
8	1725428	1	DISC, Friction
9	1665995	1	HUB, Friction Disc
10	1916950	1	NUT, Hex, 3/8-16
11	1916965	1	LOCKWASHER, 3/8
12	1669256	1	ARM ASSEMBLY, Shift w/Bushings
13	1666114	1	BUSHING, Spacer
14	1924940	1	WASHER, Flat, 13/32
15	1923701	1	CAPSCREW, Hex Head, 3/8-16 x 2
16	1668255	1	SPRING
17	1678956	2	COLLAR, Thrust
18	1666207	1	PIN, Slide
19	1667335	1	SET COLLAR
20	1724333	2	SETSCREW, Square Head, 1/4-20 x 1/2
21	1720409	1	SPACER
22	1667331	1	SPROCKET, 10 Tooth
23	1960353	1	WASHER, Flat, 1/4
24	1916964	1	LOCKWASHER, 1/4
25	1921959	1	CAPSCREW, Hex Head, 1 /4-20 x 5/8
26	1924856	4	CAPSCREW, Hex Head Taptite, 5/16-18 x 1/2
27	960164	4	WASHER
28	1718752	1	JACKSHAFT
29	1720298	1	SPRING, Compression
30	1718689	1	CLUTCH, Sliding
31	1720078	1	ARM, Clutch
32	927732	1	RING, Retaining
33	1960114	2	WASHER, 3/4
34	1718688	1	GEAR, 10 Tooth, Stationary, Clutch
35	1679556	1	SPACER
36	1667330	1	SPROCKET, 36 Tooth
37	1718687	1	GEAR, 10 Tooth, Double D
38	1921333	3	CAPSCREW, Hex Head, 5/16-18 x 1
39	1666001	1	BUSHING
40	1720299	1	AXLE

Footnotes

The above parts group applies to the following Mfg. Nos.:
1694438 - 1280M
1694442 - 1280E

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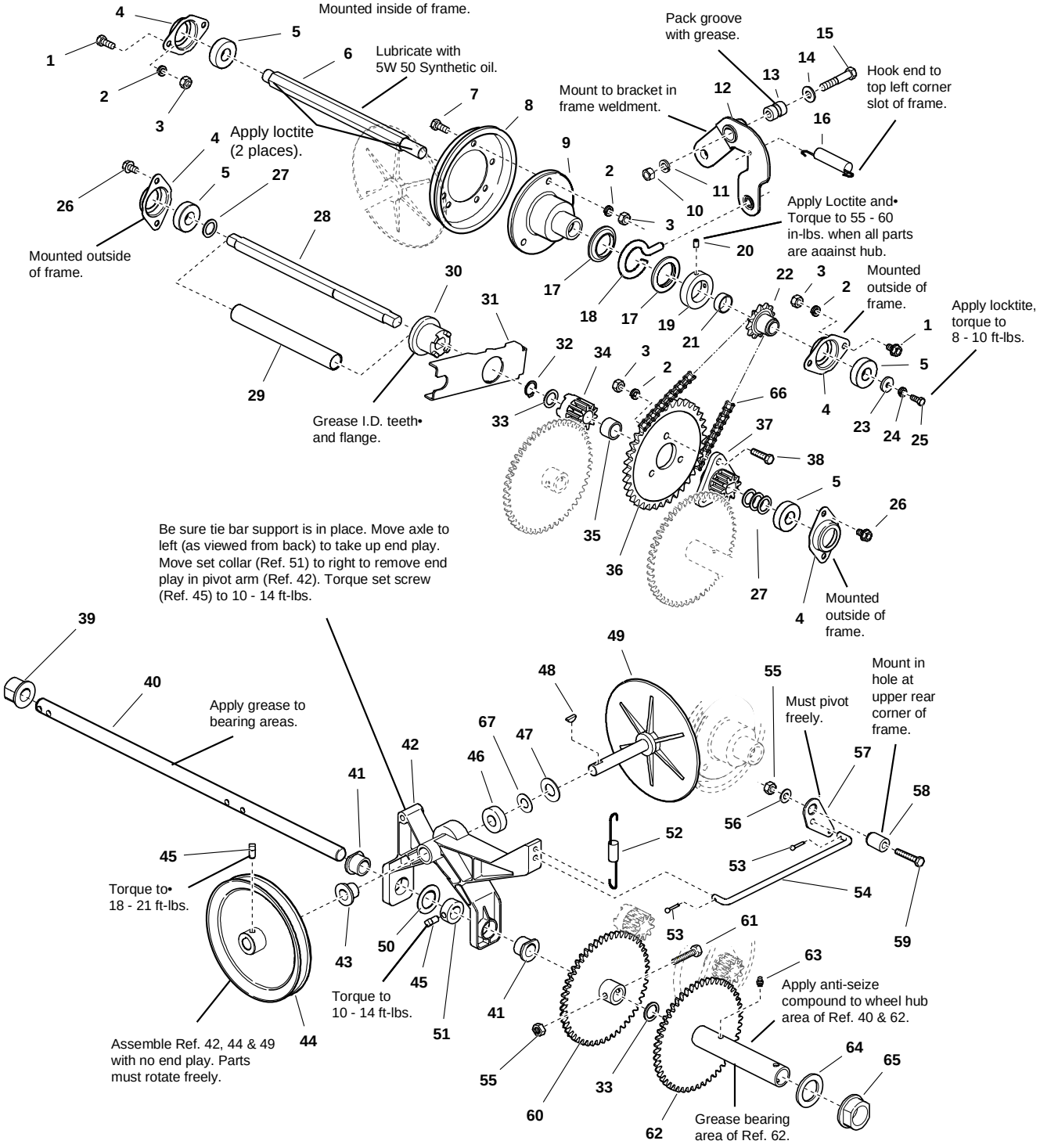
Traction Drive Group

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

SC985638


Mounted inside of frame.
Lubricate with 5W 50 Synthetic oil.
Pack groove with grease.
Hook end to top left corner slot of frame.
Mount to bracket in frame weldment.
Apply loctite (2 places).
Mounted outside of frame.
Apply Loctite and• Torque to 55 - 60 in-lbs. when all parts are against hub.
Mounted outside of frame.
Apply locktite, torque to 8 - 10 ft-lbs.
Grease I.D. teeth• and flange.
Be sure tie bar support is in place. Move axle to left (as viewed from back) to take up end play. Move set collar (Ref. 51) to right to remove end play in pivot arm (Ref. 42). Torque set screw (Ref. 45) to 10 - 14 ft-lbs.
Mounted outside of frame.
Apply grease to bearing areas.
Must pivot freely.
Mount in hole at upper rear corner of frame.
Torque to• 18 - 21 ft-lbs.
Torque to 10 - 14 ft-lbs.
Assemble Ref. 42, 44 & 49 with no end play. Parts must rotate freely.
Apply anti-seize compound to wheel hub area of Ref. 40 & 62.
Grease bearing area of Ref. 62.

The above parts group applies to the following Mfg. Nos.:

1694438 - 1280M
1694442 - 1280E

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Traction Drive Group

REF NO.	PART NO.	QTY.	DESCRIPTION
41	1666425	2	BUSHING
42	1670849	1	ARM ASSEMBLY, Pivot w/Bushings (Includes Reference Numbers 41, 43 & 46)
43	1666855	1	BUSHING
44	1672595	1	PULLEY, Traction
45	1928721	2	SETSCREW, Square Head, 5/16-18 x 1/2
46	1665521	1	BEARING
47	1960114	1	WASHER
48	918312	1	KEY, Woodruff, 3/16 x 5/8
49	1719879	1	DRIVE DISC W/SPINDLE
50	1919394	1	WASHER
51	8021010	1	SET COLLAR
52	1725666	1	SPRING
53	1918451	2	PIN, Cotter, 1/8 x 3/4
54	1666105	1	ROD, Pivot
55	1919438	3	NUT, Hex, Lock, 5/16-18
56	1919326	1	WASHER, Flat, 11/32
57	1700473	1	BELLCRANK
58	1666106	1	BUSHING, Pivot
59	1922127	1	CAPSCREW, Hex Head, 5/16-18 x 1 -3/4
60	1720300	1	GEAR & HUB ASSEMBLY, 50 Tooth
61	1930570	2	CAPSCREW, Hex Head, 5/16-18 x 1-1/2
62	1720716	1	GEAR & HUB ASSEMBLY, w/Bushing, 50 Tooth
63	921133	1	FITTING, Lube
64	960169	1	WASHER
65	1720305	1	BUSHING
66	1666980	1	CHAIN, Drive, #40
67	1924366	1	WASHER

Footnotes

The above parts group applies to the following Mfg. Nos.:
1694438 - 1280M
1694442 - 1280E

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NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

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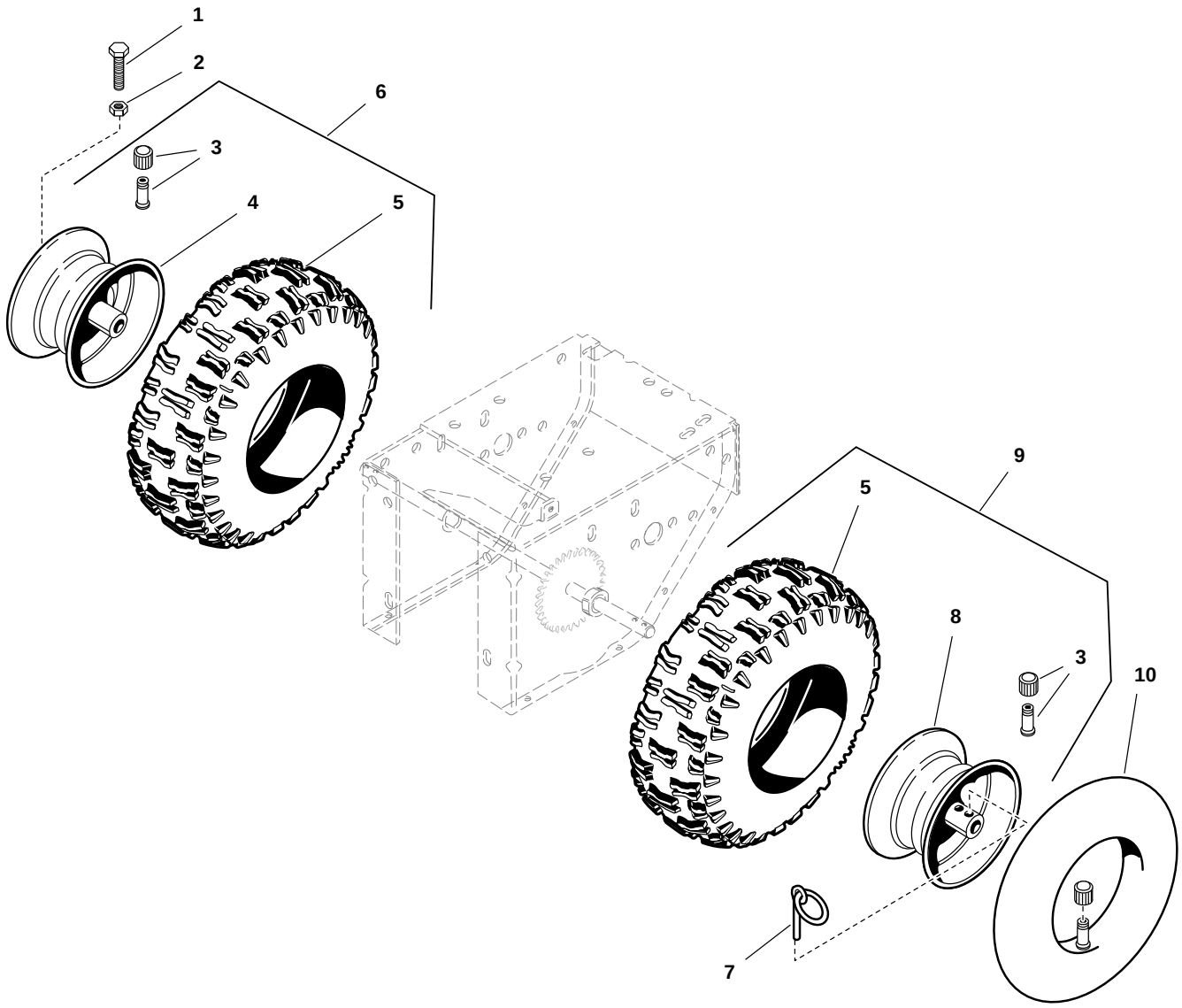

The above parts group applies to the following Mfg. Nos.:
1694438 - 1280M
1694442 - 1280E

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Wheels & Tires Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	1921978	1	CAPSCREW, Hex Head, 5/16-18 x 2
2	1919438	1	NUT, Hex Lock ESNA Light, 5/16-18
3	172353	2	VALVE STEM & CAP
4	1722762	1	WHEEL, RH
5	1722597	2	TIRE, 16 x 6.50-6
6	1722599	1	WHEEL & TIRE ASSEMBLY, RH (Includes Ref. Nos. 3, 4 & 5)
7	1722761	1	HUB, Wheel, LH
8	1722598	1	WHEEL & TIRE ASSEMBLY, LH (Includes Ref. Nos. 3, 5 & 7)
9	153038	2	TUBE, Tire
10	1666969	2	KLIK-PIN

Footnotes

The above parts group applies to the following Mfg. Nos.:
1694438 - 1280M
1694442 - 1280E

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Decals Group - 1280

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

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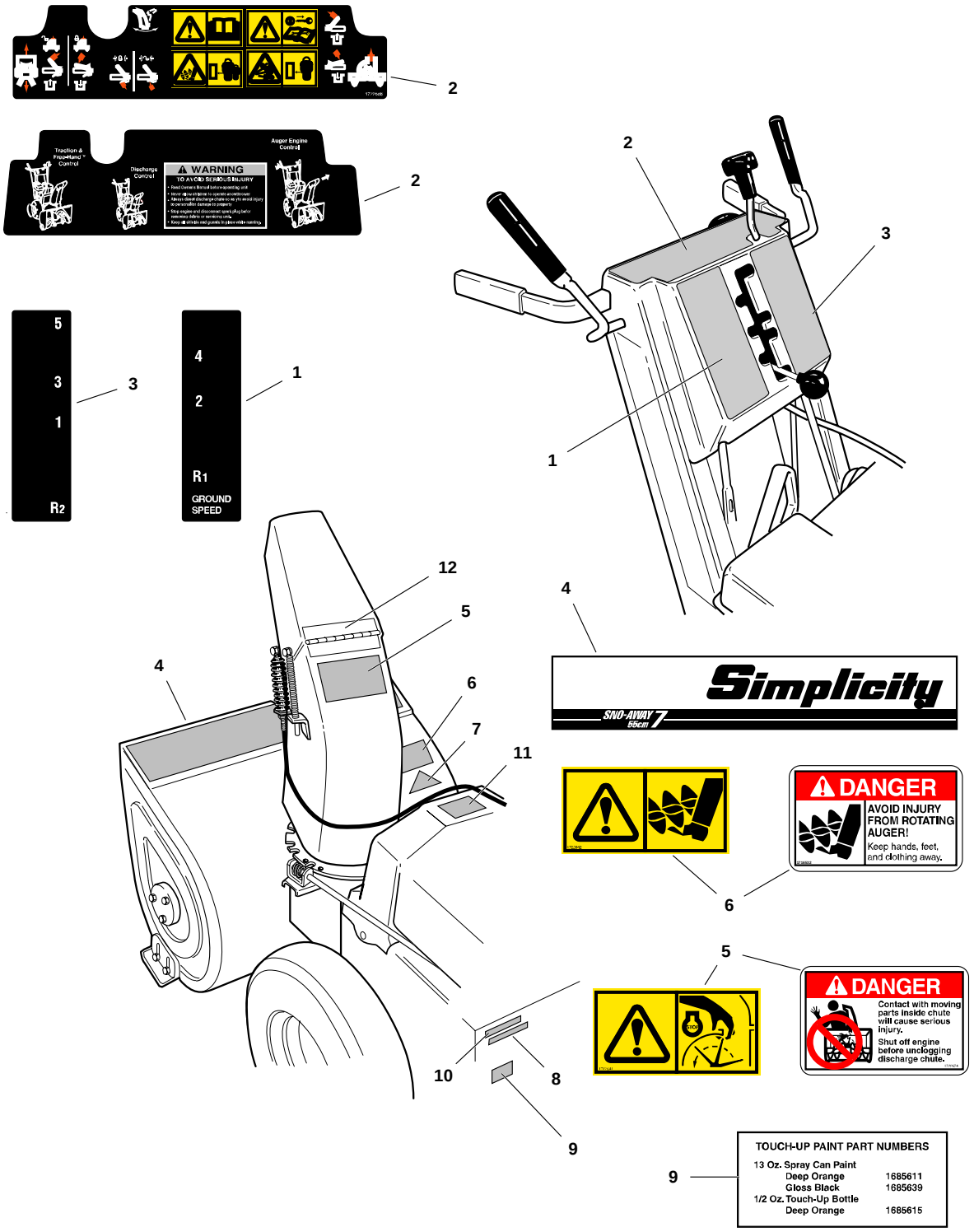

The above parts group applies to the following Mfg. Nos.:

1694438 - 1280M

1694442 - 1280E

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Decals Group - 1280

REF NO.	PART NO.	QTY.	DESCRIPTION
1	1714245	1	DECAL, Shift Pattern, RH
2	1724078	1	DECAL, Dash
2	1722688	1	DECAL, Dash (Export)
3	1714246	1	DECAL, Shift Pattern, LH
4	1725378	1	DECAL, Stripe 1280
5	1722641	1	DECAL, Discharge Chute Danger (Export)
5	1722674	1	DECAL, Discharge Chute Warning
6	1716532	1	DECAL, Auger Danger
6	1722642	1	DECAL, Auger Danger (Export)
7	*	1	DECAL, OPEI (Not Serviced)
8	*	1	DECAL, Decibel (Export)
8	*	1	DECAL, Patent
9	1720454	1	DECAL, Touch Up Paint Deep Orange
10	*	1	I.D. Tag (Not Serviced)
11	1725507	1	DECAL, Power Boost
12	1706085	2	DECAL, Hinge, Orange

Footnotes

* Not a Service Part.

The above parts group applies to the following Mfg. Nos.:

1694438 - 1280M
1694442 - 1280E

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Headlight Group

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

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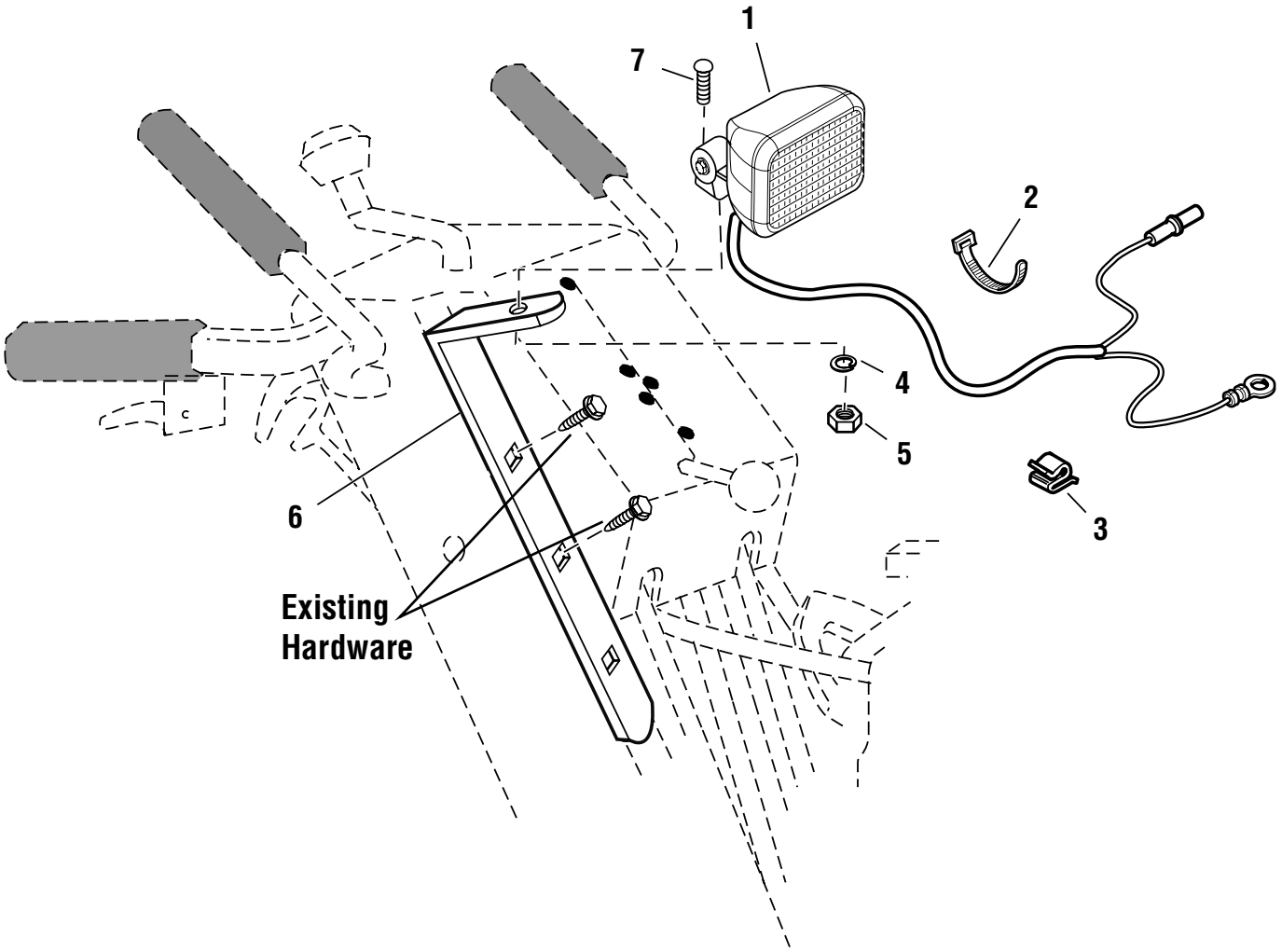

The above parts group applies to the following Mfg. Nos.:

1694438 - 1280M
1694442 - 1280E

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Headlight Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	1725291	1	HEADLIGHT ASEMBLY
2	1701011	2	TIE, Self Locking
3	934683	1	CLIP, Wire
4	1709256	1	LOCKWSHER, 5/16
5	1917372	1	NUT, Hex, 5/16-18
6	1725292	1	BRACKET
7	1931333	1	CARRIAGE BOLT, 5/16-18 x 3/4

Footnotes

The above parts group applies to the following Mfg. Nos.:
1694438 - 1280M
1694442 - 1280E

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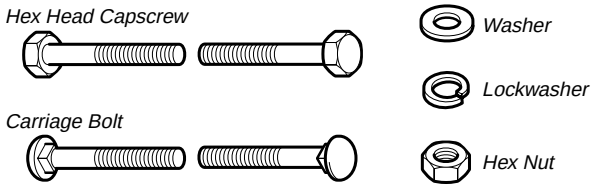
Hardware Identification & Torque Specifications

Common Hardware Types

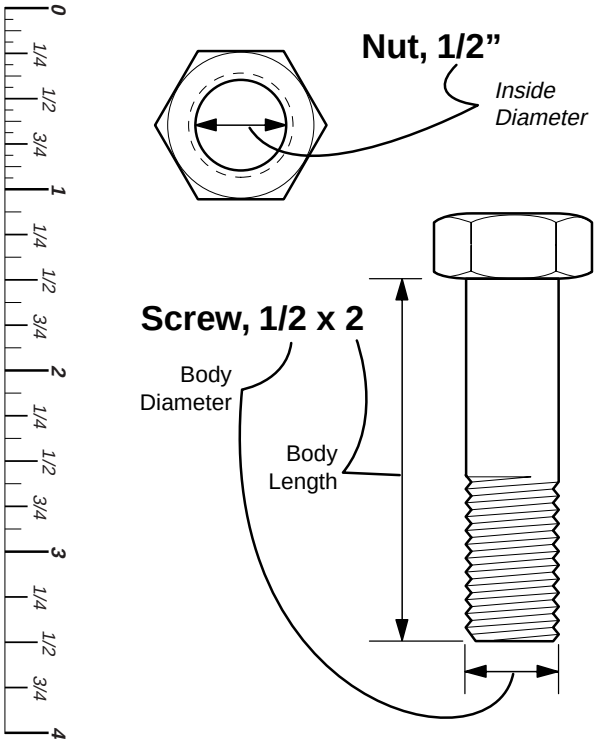


Standard Hardware Sizing

When a washer or nut is identified as **1/2"**, this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch; if a second number is present it represent the *threads per inch*

When bolt or capscrew is identified as **1/2 - 16 x 2"**, this means the *Nominal size*, or *body diameter* is 1/2 inch; the second number represents the *threads per inch* (16 in this example, and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.



Torque Specification Chart

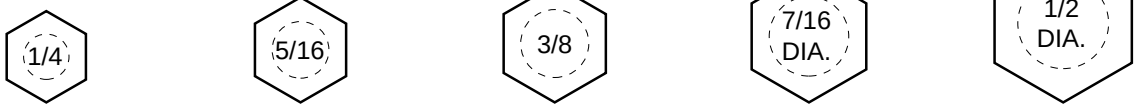
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)

Hardware Grade	No Marks SAE Grade 2		SAE Grade 5		SAE Grade 8	
Size Of Hardware	*in/lbs* **ft/lbs**	Nm.	*in/lbs* **ft/lbs**	Nm.	**in/lbs** **ft/lbs**	Nm.
8-32	*19*	2.1	*30*	3.4	*41*	4.6
8-36	*20*	2.3	*31*	3.5	*43*	4.9
10-24	*27*	3.1	*43*	4.9	*60*	6.8
10-32	*31*	3.5	*49*	5.5	*68*	7.7
1/4-20	*66*	7.6	**8**	10.9	**12**	16.3
1/4-28	*76*	8.6	**10**	13.6	**14**	19.0
5/16-18	**11**	15.0	**17**	23.1	**25**	34.0
5/16-24	**12**	16.3	**19**	25.8	**27**	34.0
3/8-16	**20**	27.2	**30**	40.8	**45**	61.2
3/8-24	**23**	31.3	**35**	47.6	**50**	68.0
7/16-14	**30**	40.8	**50**	68.0	**70**	95.2
7/16-20	**35**	47.6	**55**	74.8	**80**	108.8
1/2-13	**50**	68.0	**75**	102.0	**110**	149.6
1/2-20	**55**	74.8	**90**	122.4	**120**	163.2
9/16-12	**65**	88.4	**110**	149.6	**150**	204.0
9/16-18	**75**	102.0	**120**	163.2	**170**	231.2
5/8-11	**90**	122.4	**150**	204.0	**220**	299.2
5/8-18	**100**	136	**180**	244.8	**240**	326.4
3/4-10	**160**	217.6	**260**	353.6	**386**	525.0
3/4-16	**180**	244.8	**300**	408.0	**420**	571.2
7/8-9	**140**	190.4	**400**	544.0	**600**	816.0
7/8-14	**155**	210.8	**440**	598.4	**660**	897.6
1-8	**220**	299.2	**580**	788.8	**900**	1,244.0
1-12	**240**	326.4	**640**	870.4	**1,000**	1,360.0

NOTES

1. These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
2. Recommended seating torque values for locknuts:
   a. for prevailing torque locknuts - use 65% of grade 5 torques.
   b. for flange whizlock nuts and screws - use 135% of grade 5 torques.
3. Unless otherwise noted on assembly drawings, all torque values must meet this specification.

Wrench & Fastener Size Guide



1/4" Bolt or Nut
Wrench—7/16"

5/16" Bolt or Nut
Wrench—1/2"

3/8" Bolt or Nut
Wrench—9/16"

7/16" Bolt or Nut
Wrench (Bolt)—5/8"
Wrench (Nut)—11/16"

1/2" Bolt or Nut
Wrench—3/4"

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